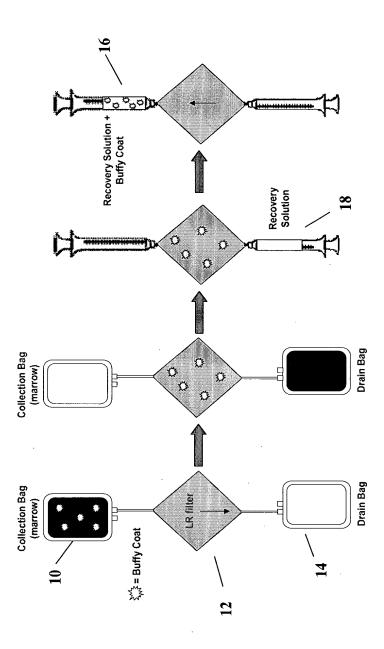
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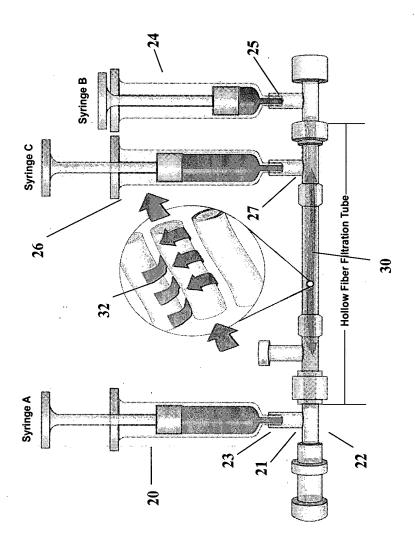
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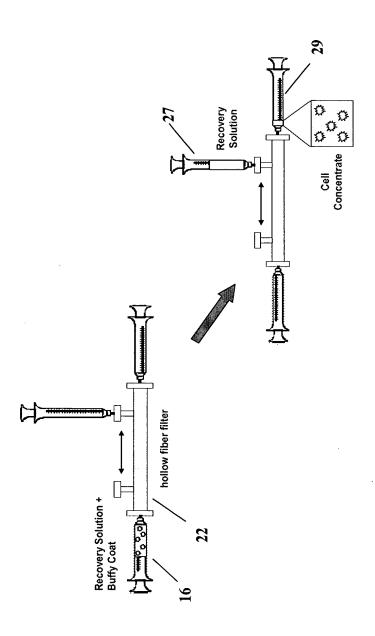
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A Inject physiolgical solution diluted with anticoagulant into collection bag.

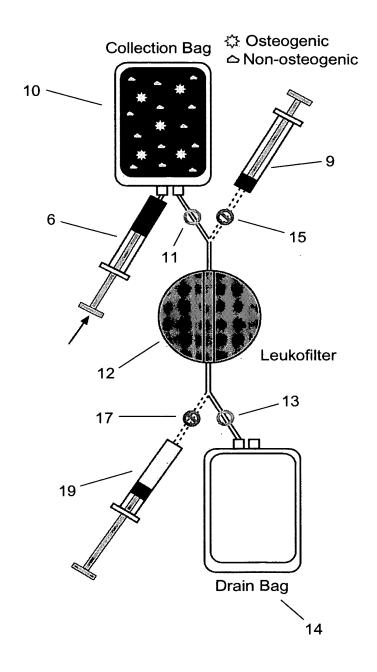


FIG. 4

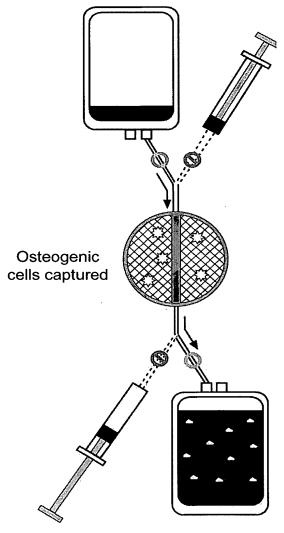
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**Filter** В Gravity feed physiolgical solution through filter.



Non-osteogenic cells (e.g., RBC)

FIG. 4

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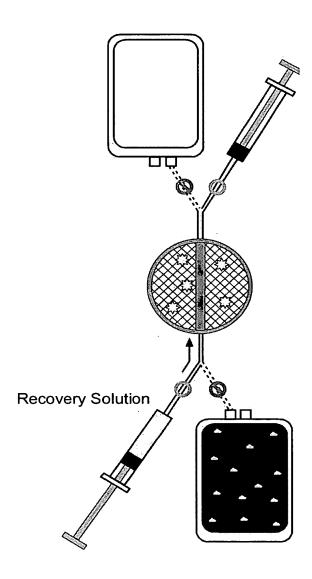
C

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#### **Back-flush**

Close valves to collection and drain bags. Open valves to syringes.



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Recover D Backflush osteogenic cells from filter.

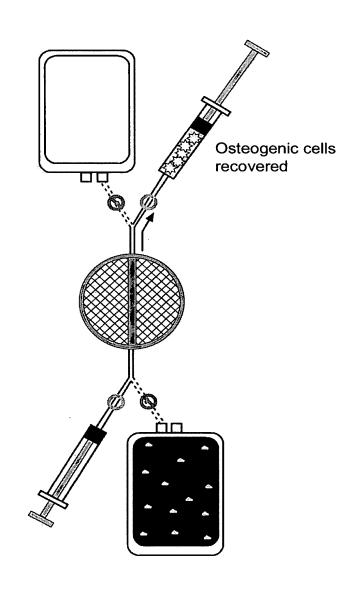
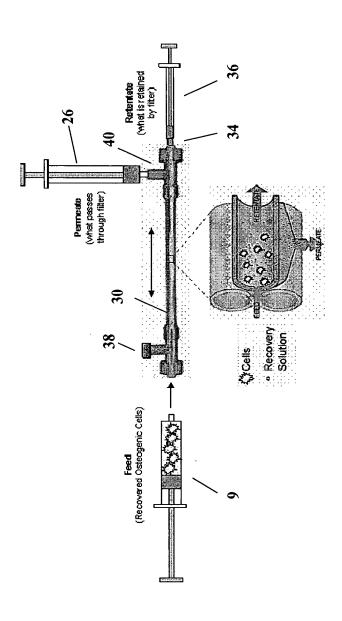


FIG. 4

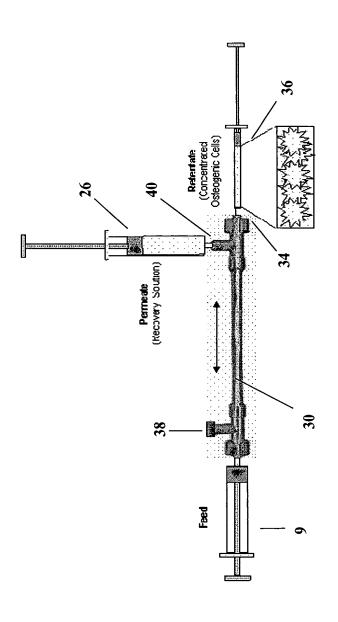
App No.: 10/811,549 Docket No.: HO-P02759L Inventor: Marcus L. Scott et al.
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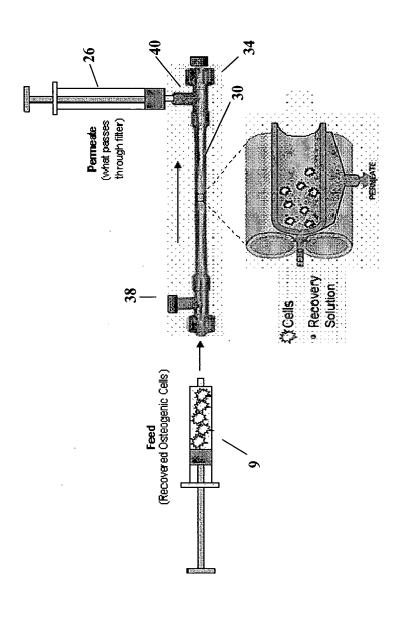
App No.: 10/811,549 Docket No.: HO-P02759U
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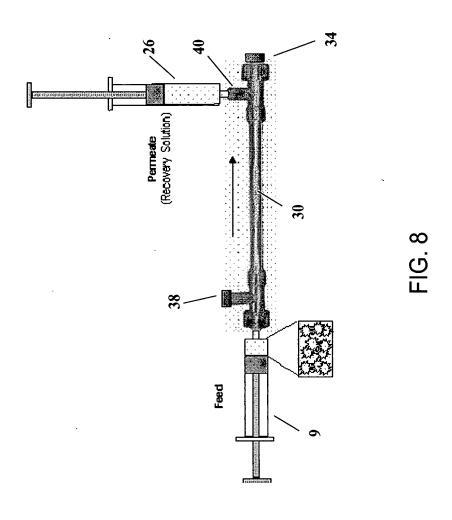
Docket No.: HO-P02759US3 App No.: 10/811,549 Docket No.: HO-P02759U Inventor: Marcus L. Scott et al.
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**Attach** Α Attach syringe filled with physiological solution to a fat reduction filter.

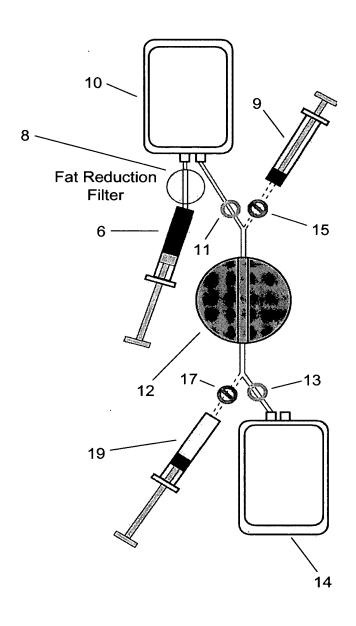


FIG. 9

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**B** Inject physiological solution through fat reduction filter into collection bag.

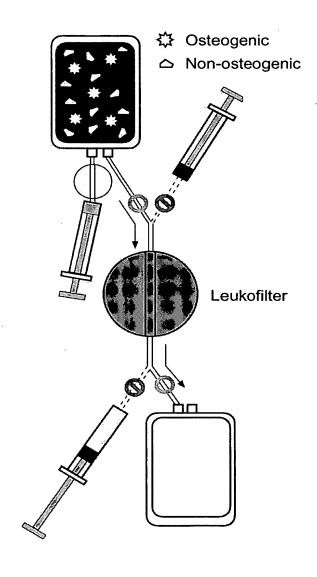


FIG. 9

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**Filter** C Gravity feed marrow through leukoreduction filters into drain bag.

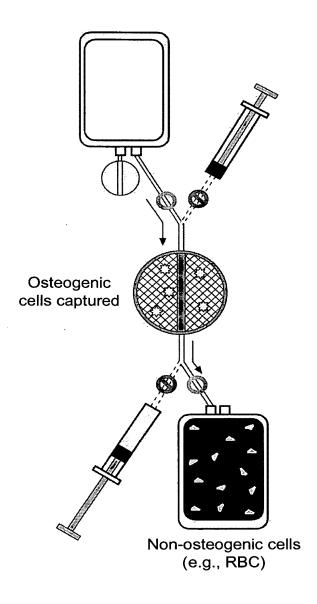


FIG. 9

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#### **Back-flush**

D Close valves to collection and drain bag. Open valves to syringes.

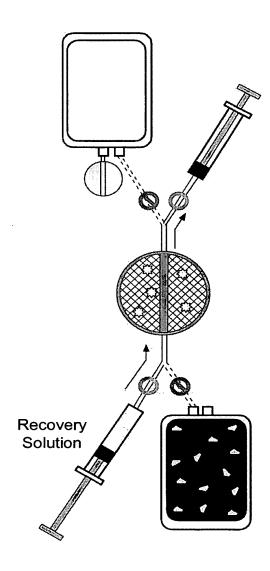


FIG. 9

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#### Recover E

Backflush osteogenic cells from leukoreduction filter.

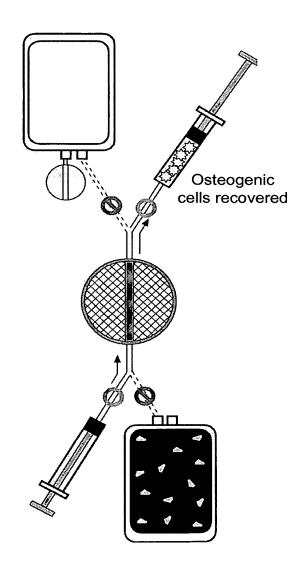


FIG. 9

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**Attach** A Attach syringe filled with marrow aspirate to an aggregate filter.

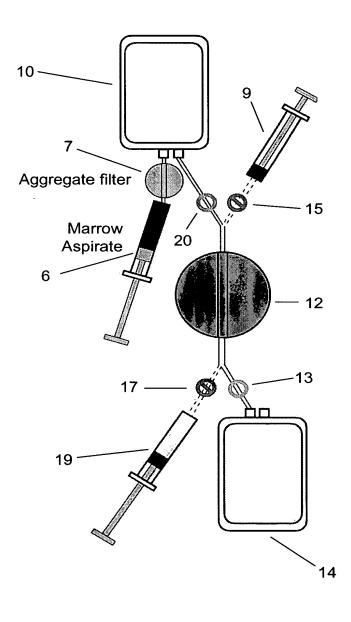


FIG. 10

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B Inject marrow aspirate through aggregate filter into collection bag.

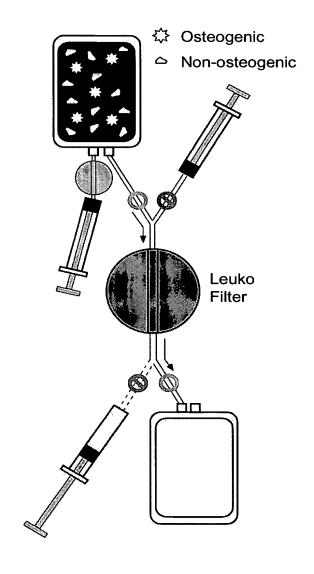


FIG. 10

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**Filter** C Gravity feed marrow through aggregate and leukoreduction filters into drain bag.

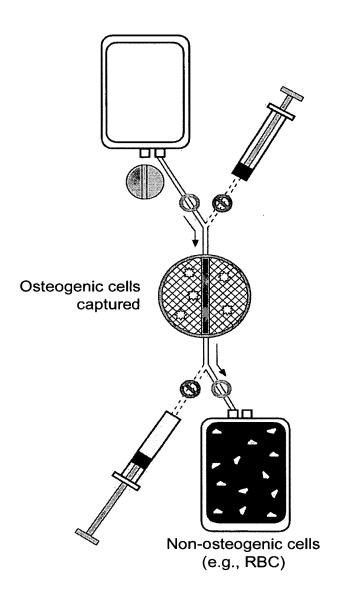


FIG. 10

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#### Back-flush

D Close valves to collection and drain bag. Open valves to syringes.

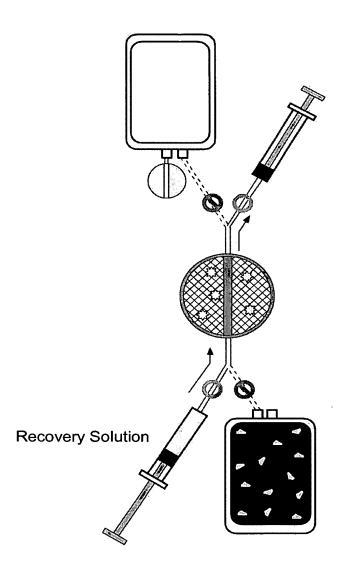


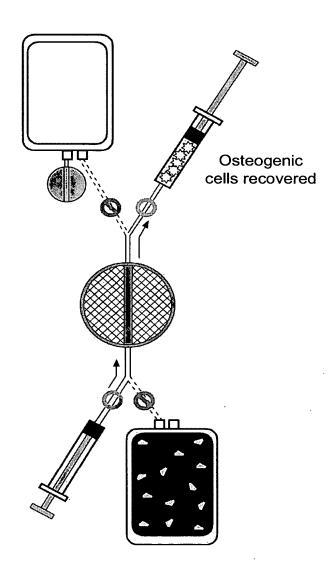
FIG. 10

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Recover E

Backflush osteogenic cells from leukoreduction filter.



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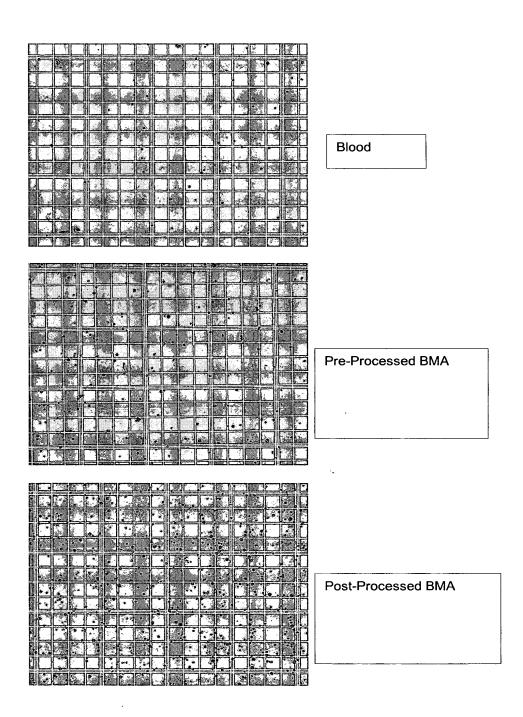


FIG. 11

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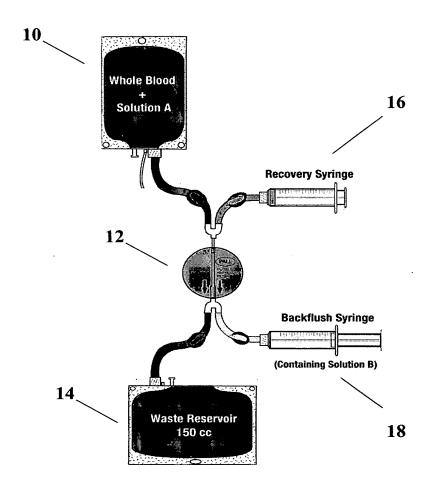
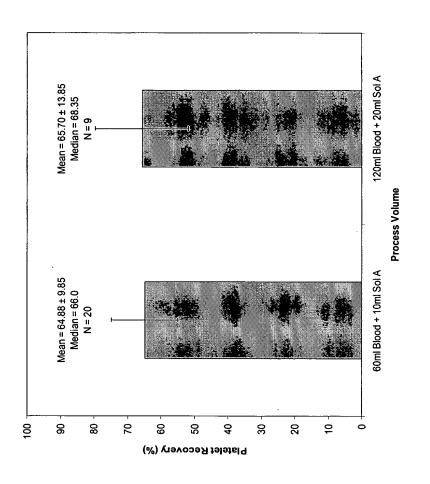


FIG. 12

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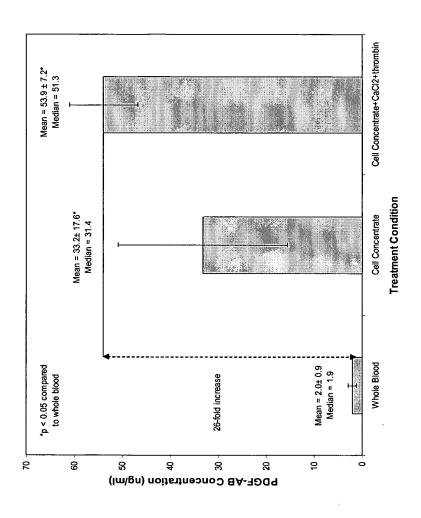
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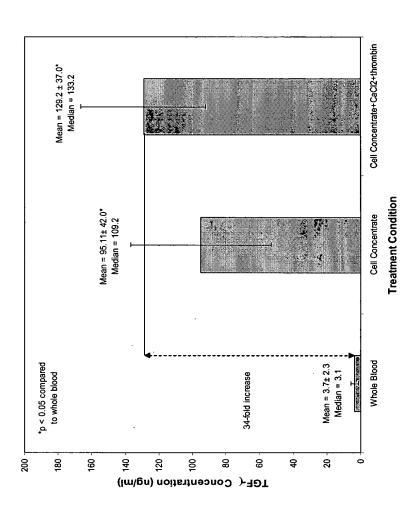
Docket No.: HO-P02759US3



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